

IN THE CLAIMS:

Please add new claims 15-17 as follows:

1. (Previously Cancelled)

2. (Previously Presented) A method of configuring an intelligent network service over a user interface of a mobile station by means of a management application located at an intelligent network node when the mobile station is connected to a mobile communication system which is, in turn, connected to an intelligent network, the mobile station comprising an extension layer to support installable routines; the method comprising:

loading a configuration routine of the intelligent network service in question in the mobile station;

at least one of the extension layer and the configuration routine connected to the mobile station receiving an input to configure the intelligent network service, generating configuration information on the basis of the input and transmitting the configuration information in a configuration message through a network element of the mobile communication system to said intelligent network node;

the intelligent network node interpreting the configuration information included in the configuration message and configuring the intelligent network service; and

the mobile station transmitting a configuration information inquiry before the configuration message.

3. (Previously Presented) The method as claimed in claim 2, wherein the configuration routine is entirely installed in the mobile station before the configuration information inquiry.

4. (Previously Presented) The method as claimed in claim 2, wherein the configuration routine is installed only partly, or not at all, in the mobile station before the configuration information inquiry and the network transmits the configuration routine or at least the missing parts of the configuration routine as a response to the configuration information inquiry.

5. (Previously Presented) The method as claimed in claim 4, wherein the network transmits the configuration routine or the missing parts thereof only if requested by the mobile station.

6. (Previously Presented) The method as claimed in claim 2, wherein the network element of the mobile communication system recognizes the configuration message and transmits at least the essential part thereof to the said intelligent network node.

7. (Previously Presented) The method as claimed in claim 2, wherein the messages between the mobile station and the network element of the mobile communication system are transparent for the portion of the network between the mobile station and the element of said mobile communication system and the network element of the mobile communication system recognizes upward and downward messages and

forwards the essential parts of the messages correspondingly to the intelligent network node or the mobile station.

8. (Previously Presented) The method as claimed in claim 7, wherein the network element of the mobile communication system recognizes that the message is a configuration message on the basis of the fact that the message contains an intelligent network service identifier and preferably a special character that seldom occurs in a normal text.

9. (Previously Presented) The method as claimed in claim 7, wherein the network element of the mobile communication system recognizes that the message is a configuration message on the basis of the fact that the mobile station transmits the message to a telephone number allocated to the intelligent network service.

10. (Previously Presented) The method as claimed in claim 2, wherein in connection with changes in the intelligent network service the intelligent network node automatically transmits a notification to the mobile station.

11. (Previously Presented) The method as claimed in claim 2, wherein in connection with the changes in the intelligent network service the intelligent network node automatically activates the loading of a new configuration routine for the mobile station.

12. (Previously Presented) The method as claimed in claim 2, wherein the messages between the mobile station and the network element of the mobile communication system are data messages, such as short messages or USSD messages.

13. (Previously Presented) A mobile station comprising an extension layer to support routines to be installed, wherein:

the mobile station comprises a configuration routine of an intelligent network service, the routine being arranged to provide the extension layer with an input to configure the intelligent network service;

as a response to the input, the mobile station is arranged to transmit configuration information to a mobile telephone network; and

the mobile station is arranged to transmit a configuration information inquiry before the configuration message.

14. (Previously Presented) An arrangement for configuring over a user interface of a mobile station an intelligent network service controlled by an intelligent network node when the mobile station comprises an extension layer to support installable routines, wherein:

the mobile station comprises a configuration routine of the intelligent network service, the routine being arranged to provide the extension layer with an input to configure the intelligent network service;

as a response to the input, the mobile station is arranged to transmit configuration information through a network element of the mobile communication system to the intelligent network node;

the intelligent network node is arranged to interpret the configuration information included in the configuration message and configure the intelligent network service on the basis of the configuration information; and

the mobile station is arranged to transmit a configuration information inquiry before the configuration message.

15. (New) The method of claim 2, wherein the mobile station transmitting step comprises the mobile station transmitting the configuration information inquiry to said intelligent network node before transmitting the configuration message to determine which parts of a configuration routine are needed to implement requested services.

16. (New) The mobile station of claim 13, wherein the mobile station is arranged to transmit a configuration information inquiry to said intelligent network node before transmitting the configuration message to determine which parts of a configuration routine are needed to implement requested services.

17. (New) The arrangement of claim 14, wherein the mobile station is arranged to transmit a configuration information inquiry to said intelligent network node before the configuration message to determine which parts of a configuration routine are needed to implement requested services.